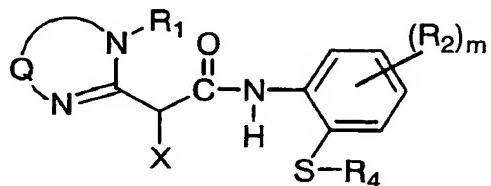


WHAT WE CLAIM IS:

1. A yellow dye-forming coupler represented by formula (I):

5

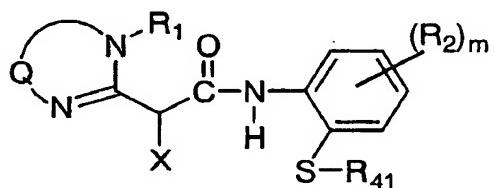
formula (I)



wherein Q represents a group of nonmetallic atoms
that form a 5- to 7-membered ring in combination with the
10 -N=C-N(R₁)-; R₁ and R₂ each independently represents a
substituent; R₄ represents an alkyl group; m represents an
integer of 0 to 4; when m is 2 or more, the multiple R₂s
may be the same or different, and the R₂s may bond each
other to form a ring; and X represents a hydrogen atom, or
15 a group capable of being split-off upon a coupling
reaction with an oxidized product of a developing agent;
and when R₄ represents a primary alkyl group, R₁
represents -(CH₂)₃O-R₁₀₁ in which R₁₀₁ is an alkyl group
having 4 to 8 carbon atoms.

2. The yellow dye-forming coupler as claimed in
claim 1, wherein the yellow dye-forming coupler
represented by formula (I) is a yellow dye-forming coupler
5 represented by formula (IA):

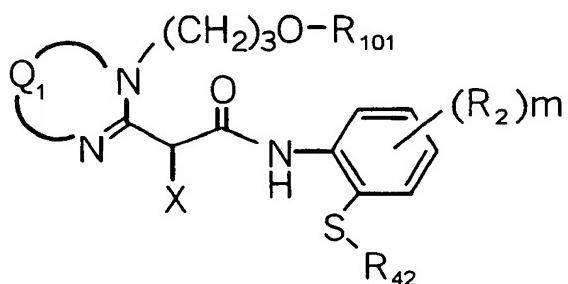
formula (IA)



wherein Q represents a group of nonmetallic atoms
10 that form a 5- to 7-membered ring in combination with the
-N=C-N(R₁)-; R₁ and R₂ each independently represents a
substituent; R₄₁ represents a secondary or tertiary alkyl
group; m represents an integer of 0 to 4; when m is 2 or
more, the multiple R₂s may be the same or different, and
15 the R₂s may bond each other to form a ring; and X
represents a hydrogen atom, or a group capable of being
split-off upon a coupling reaction with an oxidized
product of a developing agent.

3. The yellow dye-forming coupler as claimed in
claim 1, wherein the yellow dye-forming coupler
represented by formula (I) is a yellow dye-forming coupler
5 represented by formula (IB):

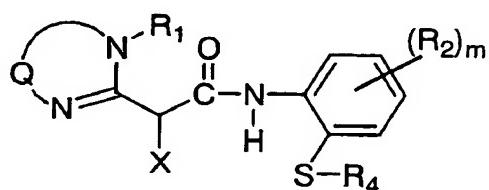
formula (IB)



wherein Q₁ represents a group of nonmetallic atoms
10 that form a 5- to 7-membered ring in combination with the
-N=C-N((CH₂)₃O-R₁₀₁)-; R₁₀₁ represents an alkyl group
having 4 to 8 carbon atoms; R₂ represents a substituent;
R₄₂ represents a primary alkyl group; m represents an
integer of 0 to 4; when m is 2 or more, the multiple R₂s
15 may be the same or different, and the R₂s may bond each
other to form a ring; and X represents a hydrogen atom, or
a group capable of being split-off upon a coupling
reaction with an oxidized product of a developing agent.

4. A silver halide color photographic light-sensitive material comprising at least one yellow dye-forming coupler represented by formula (I) in at least one
5 layer provided on a support:

formula (I)

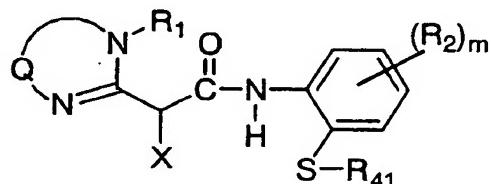


wherein Q represents a group of nonmetallic atoms
10 that form a 5- to 7-membered ring in combination with the
 $-N=C-N(R_1)-$; R_1 and R_2 each independently represents a
substituent; R_4 represents an alkyl group; m represents an
integer of 0 to 4; when m is 2 or more, the multiple R_2 s
may be the same or different, and the R_2 s may bond each
15 other to form a ring; and X represents a hydrogen atom, or
a group capable of being split-off upon a coupling
reaction with an oxidized product of a developing agent;
and when R_4 represents a primary alkyl group, R_1
represents $-(CH_2)_3O-R_{101}$ in which R_{101} is an alkyl group

having 4 to 8 carbon atoms.

5. The silver halide color photographic light-sensitive material as claimed in claim 4, wherein the
5 yellow dye-forming coupler represented by formula (I) is a yellow dye-forming coupler represented by formula (IA):

formula (IA)

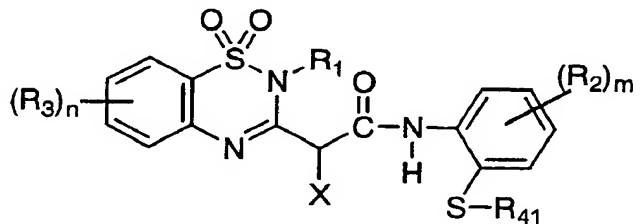


10 wherein Q represents a group of nonmetallic atoms that form a 5- to 7-membered ring in combination with the -N=C-N(R₁)-; R₁ and R₂ each independently represents a substituent; R₄₁ represents a secondary or tertiary alkyl group; m represents an integer of 0 to 4; when m is 2 or
15 more, the multiple R₂s may be the same or different, and the R₂s may bond each other to form a ring; and X represents a hydrogen atom, or a group capable of being split-off upon a coupling reaction with an oxidized product of a developing agent.

6. The silver halide color photographic light-sensitive material as claimed in claim 5, wherein Q in formula (IA) is a group represented by $-C(-R_{11})=C(-R_{12})-$
5 SO_2- or $-C(-R_{11})=C(-R_{12})-CO-$, in which R_{11} and R_{12} are groups that bond with each other to form a 5- to 7-membered ring together with $-C=C-$, or they each independently represents a hydrogen atom or a substituent.

10 7. The silver halide color photographic light-sensitive material as claimed in claim 5, wherein the yellow dye-forming coupler represented by formula (IA) is a yellow dye-forming coupler represented by formula (IIA):

formula (IIA)



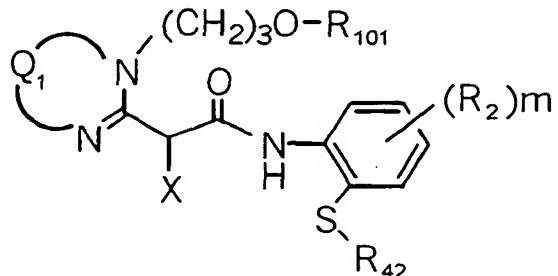
15

wherein R_1 and R_2 each independently represents a substituent; R_{41} represents a secondary or tertiary alkyl group; m represents an integer of 0 to 4; when m is 2 or

more, the multiple R₂s may be the same or different, and the R₂s may bond each other to form a ring; R₃ represents a substituent; n represents an integer of 0 to 4; when n is 2 or more, the multiple R₃s may be the same or
5 different, and the R₃s may bond each other to form a ring; and X represents a hydrogen atom, or a group capable of being split-off upon a coupling reaction with an oxidized product of a developing agent.

10 8. The silver halide color photographic light-sensitive material as claimed in claim 4, wherein the yellow dye-forming coupler represented by formula (I) is a yellow dye-forming coupler represented by formula (IB):

formula (IB)



15

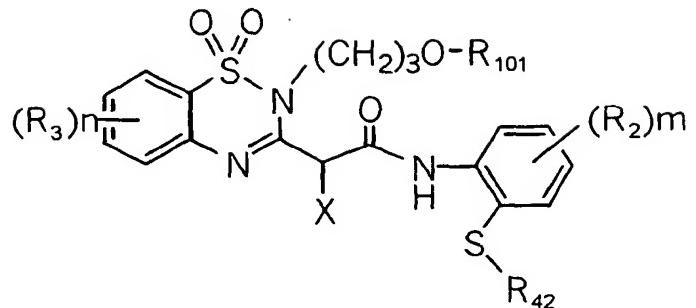
wherein Q₁ represents a group of nonmetallic atoms that form a 5- to 7-membered ring in combination with the

$-N=C-N((CH_2)_3O-R_{101})-$; R_{101} represents an alkyl group having 4 to 8 carbon atoms; R_2 represents a substituent; R_{42} represents a primary alkyl group; m represents an integer of 0 to 4; when m is 2 or more, the multiple R_2 s 5 may be the same or different, and the R_2 s may bond each other to form a ring; and X represents a hydrogen atom, or a group capable of being split-off upon a coupling reaction with an oxidized product of a developing agent.

10 9. The silver halide color photographic light-sensitive material as claimed in claim 8, wherein Q_1 in formula (IB) is a group represented by $-C(-R_{11})=C(-R_{12})-SO_2-$ or $-C(-R_{11})=C(-R_{12})-CO-$, in which R_{11} and R_{12} are groups that bond with each other to form a 5- to 7-15 membered ring together with $-C=C-$, or they each independently represent a hydrogen atom or a substituent.

10 10. The silver halide color photographic light-sensitive material as claimed in claim 8, wherein the 20 yellow dye-forming coupler represented by formula (IB) is a yellow dye-forming coupler represented by formula (IIB):

formula (IIB)



wherein R₁₀₁ represents an alkyl group having 4 to 8 carbon atoms; R₂ represents a substituent; R₄₂ represents a primary alkyl group; m represents an integer of 0 to 4; when m is 2 or more, the multiple R₂s may be the same or different, and the R₂s may bond each other to form a ring; R₃ represents a substituent; n represents an integer of 0 to 4; when n is 2 or more, the multiple R₃s may be the same or different, and the R₃s may bond each other to form a ring; and X represents a hydrogen atom, or a group capable of being split-off upon a coupling reaction with an oxidized product of a developing agent.

15 11. The silver halide color photographic light-sensitive material as claimed in claim 8, wherein R₂ in formula (IB) represents a t-butyl group.

12. The silver halide color photographic light-

sensitive material as claimed in claim 4, wherein the amount of the yellow dye-forming coupler is 1×10^{-3} mole to 1 mole per mol of silver halide.

5 13. The silver halide color photographic light-sensitive material as claimed in claim 4, wherein an emulsion of the layer containing the yellow dye-forming coupler represented by formula (I) is a silver halide emulsion having silver chloride content of 90 mol% or more.

10

14. The silver halide color photographic light-sensitive material as claimed in claim 13, wherein the silver halide emulsion is doped with an iridium complex.

15

15. The silver halide color photographic light-sensitive material as claimed in claim 4, wherein a hydrophilic colloid layer is provided between the support and a color-forming silver halide emulsion layer nearest to the support.